

MSHA TRAINING SUMMIT


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EFSMS Home Page

A screenshot of the EFSMS Home Page in a web browser. The browser's address bar shows 'http://www.msha.gov/epd/efsms/'. The page features a large header image with a triangular graphic containing the text 'EDUCATION & TRAINING', 'SUCCESS', 'ENFORCEMENT Compliance Assistance', and 'TECHNICAL SUPPORT'. To the right of the graphic, the text reads 'Mine Safety and Health Administration EDUCATIONAL FIELD AND SMALL MINE SERVICES'. Below this, a paragraph describes the EFSMS mission. A list of services is provided, including 'Training Plan Development', 'Training Certificate S000-23', 'Part 46 Training Records / Certificates', 'Training Providers, State Grantees', and 'Job Task Analysis (JTAs)'. A section titled 'Services We Provide' lists various assistance programs. At the bottom, there are three columns: 'Weekly ToolBox Talks', 'Non-Retaliation Policy', and 'MSHA Training Center', each with a brief description of the service.

http://www.msha.gov/epd/efsms/

Educational Field and Small...

Mine Safety and Health Administration EDUCATIONAL FIELD AND SMALL MINE SERVICES

Educational Field and Small Mine Services (EFSMS) provides assistance in the development or improvement of the health and safety programs of mine operators and contractors in the mining community. The EFSMS specializes in developing programs tailored to reduce the number of injuries and illness in the mining industry. Additionally, the EFSMS group evaluates industry instructors to ensure miners receive quality and effective training.

EFSMS staff are located in 35 states and travel extensively to mines and training centers to provide assistance that will strengthen and modernize training.

[Contact Us](#) [Education and Training](#)

Training Plan Development

Training Certificate S000-23

Part 46 Training Records / Certificates

Training Providers, State Grantees

Job Task Analysis (JTAs)

EFSMS works closely with MSHA District enforcement offices to identify industry needs and provide assistance to mines with safety and health issues. The assistance provided by EFSMS ranges from national accident reduction programs to a mine specific comprehensive analysis such as Training Makes a Difference (TMD). These programs help mine operators develop or revise training, safety and health programs to address the conditions and hazards specific to their mines. Additionally, EFSMS provides assistance with developing training plans, instructor training (train-the-trainer), instructor monitoring and approval, Job Task Analysis (JTA), and training demonstrations using Mobile Safety Training Units.

Services We Provide

- Providing regulatory assistance
- Conducting training program analysis
- Approving Part 46 training plans
- Providing concentrated assistance to mines with greater need; at these mines EFSMS implements programs such as Training Makes a Difference and Job Task Analysis
- Providing training to miners, managers, and other stakeholders
- Monitoring and assisting industry instructors to develop and improve their skills
- Participating in accident investigations and providing expertise on safety and training issues surrounding the accident to determine root causes
- Forming partnerships with associations and other entities to increase focus on safety and health issues in the industry
- Assisting with the development and growth of the Joseph A. Holmes Safety Association
- Providing information at public forums such as health and safety conferences and outreach programs

Weekly ToolBox Talks

A series of weekly ToolBox talks that can be used by small mine operators and others to hold safety and health discussions for their employees at their mining operations. EFSMS hopes these ToolBox talks will help small mine operators and their miners to keep safety and health at the forefront of their daily and weekly activities.

Non-Retaliation Policy

MSHA has a policy that communications with the agency about safety and health regulations or other safety and health related subjects shall not trigger enforcement action. This policy reflects the fact that the agency's objective is to provide assistance to help operators prevent and reduce workplace fatalities, illnesses and injuries.

MSHA Training Center

MSHA has just announced the allocation of over \$8 million in federal health and safety training grants. MSHA will be developing a training resource on this site for Part 46 & Part 48 trainers. Click the link above to view more information and join the conversation about the best ways to deliver training that keeps miners safe and healthy.

Guidelines for effective task training:

Have employees received task training in new tasks?

- Ensure the following:
 - The mine has established an adequate task training program
 - Task training is performed on all machines and job duties
 - Adequate task training records are completed for all task training
 - Task training is performed on all maintenance activities
 - Task training is provided when there is a change to the equipment, process, or condition

Guidelines for effective task training:

Have all tasks been assessed?

- Utilize the following:
 - Equipment or job checklists, job safety analysis, or safe job procedures
 - Operator's manuals are utilized to determine specific hazards related to the equipment
 - Established communication procedures for task trainers
 - Maintain an adequate task list in the training plan
 - Development of an action plan to address any changes to equipment, process, or condition

Guidelines for effective task training:

Do miners have the skills necessary to perform tasks in a safe manner?

- Evaluate the following:
 - There is adequate time set aside to complete thorough task training
 - Miners ability to demonstrate the knowledge of company and federal health and safety procedures applicable to all tasks
 - Task Training was completed in a “non-production” setting
 - Supervised practice of task training in a production mode
 - The trainees knowledge of locating and utilizing the company’s HazCom program and MSDS’s
 - Miners perform pre and post operation checks on the equipment

Guidelines for effective task training:

Do miners have the skills necessary to perform tasks in a safe manner? (continued)

- Miners knowledge of any required maintenance and service of equipment
- Understand how and where to report any problems or malfunctions
- The trainees ability to demonstrate proper start-up and shutdown procedures of equipment
- Miners have received the proper skills necessary to perform tasks in a safe manner
- Miners demonstrate safe operating procedures, and know the proper procedure to address any change to the equipment, process, or condition

Guidelines for effective task training:

Do task trainers have the knowledge necessary to perform effective task training?

- Establish guidelines for trainers:
 - Utilize checklists, job safety analysis, operator's manuals, and safe operating procedures
 - All task trainers have been trained and have the necessary skills to perform adequate and efficient task training
 - Ensure task trainers have received formal or informal training to perform effective task training
 - Task trainers provide the same training on all equipment and job duties
 - Evaluation procedures to determine that all health and safety aspects of the tasks are addressed in a correct and consistent manner
 - Conduct follow up evaluation of task training, and implement any training necessary to address a change to the equipment, process, or condition

Workplace Examinations

- Thorough and complete Workplace Examinations are a requirement and an invaluable tool to assure a safe and healthy workplace
- Will identify hazardous conditions and provides the mine operator the opportunity to eliminate, mitigate or correct hazardous conditions in a timely manner
- Conducted by Competent Persons
 - (a) A competent person designated by the operator shall examine each working place at least once each shift for conditions which may adversely affect safety or health. The operator shall promptly initiate appropriate action to correct such conditions

Sample Record

WORK PLACE EXAMINATION RECORD							
WEEK ENDING DATE	Date						
	S	M	T	W	T	F	S
Hopper / Dump							
Walkways							
Steps and Ladders							
Elevated Walkways and Handrails							
Guards							
Conveyor Rollers							
Structural Damage							
Electrical Installation / Lock Out Procedures							
Oxygen / Acetylene / Welding							
Flammable Material Storage							
Warning Signs / Alarms / Barricades							
Haul Roads							
Traffic Signs							
Berms							
Ponds							
Dump Sites							
Highwalls							
Stockpiles							
Clean-up							
Personal Protective Equipment							
Fall Protection							
Fire Extinguishers							
First Aid Supplies							
Communications							
Emergency Numbers							
Housekeeping							
Examiner Initial	Who conducted the exam						
NOTES:	What was done to correct the conditions						

Adult Learning Principles I

- As an additional training resource, MSHA and the National Mine Health and Safety Academy are currently developing a curriculum of online training courses centered on the principles of adult learning.
- To kick off the launch of this project, we are proud to offer you the **Adult Learning Principles I** course. This short course highlights the differences between training traditional students and training adults, and offers some ways in which we, as trainers, can develop our training materials to better reach our entire audience.
- To access **Adult Learning Principles I**, go to the MSHA Training page.

Courses and other resources will be added to the trainer resources section of the MSHA web site regularly, and we welcome your comments, suggestions and questions as you utilize the information provided there.

THANK YOU